

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	6	(US-5648674-\$ or US-6784434-\$ or US-5440130-\$ or US-6462344-\$ or US-6043511-\$ or US-5557534-\$).did.	USPAT	OR	ON	2007/09/16 12:32
L7	6	I5 and (line same oxide)	USPAT	OR	ON	2007/09/16 12:51
L8	2	I5 and (line with oxide)	USPAT	OR	ON	2007/09/16 12:32
L9	1	I5 and (protect\$4 adj film)	USPAT	OR	ON	2007/09/16 12:54
L11	6	I5 and (data adj lines)	USPAT	OR	ON	2007/09/16 14:33
L12	2	"20020154235"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:24
L13	2	((sens\$4 or detect\$4) adj cells) and (pixel or electrode) and (storage same electrode) and ((data or gate or (auxiliary adj data)) adj lines) and fabricat\$4) and "378"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:28
L14	2440	250/370\$.ccls.	USPAT	OR	ON	2007/09/16 14:33
L15	883	250/370.09.ccls.	USPAT	OR	ON	2007/09/16 14:33
L16	444	378/98.2.ccls.	USPAT	OR	ON	2007/09/16 14:33
L17	120	257/E27.14.ccls.	USPAT	OR	ON	2007/09/16 14:34
L18	2917	I14 or I15 or I16 or I17	USPAT	OR	ON	2007/09/16 14:34
L19	40	((sens\$4 or detect\$4) adj cells) and (pixel or electrode) and (gain or drift)) and I18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:35
L20	1	("5912465").PN. OR ("6930310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:35
L21	18	("4376888"   "4931661"   "5306648"   "5338690"   "5629524").PN. OR ("5912465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:35

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L22	76	((sens\$4 or detect\$4)) and (pixel or electrode) and (storage same electrode) and ((data or gate or (auxiliary adj data)) adj lines) and l18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:36
L23	13	("5478766"   "5516712"   "5598004"   "5652130"   "5784131"   "6060714"   "6088071").PN. OR ("6423973").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:37
L24	50	((CCD adj array) or ((sens\$4 or detect\$4) adj cell)) and (gate adj line) and (data adj line) and (pixel or electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:37
L25	3	L24 and l18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:38
L26	3	("5818898"   "6127684").PN. OR ("6456689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:38
L27	26	l18 and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode and pixel and substrate and drain and gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:38
L28	14	("20030146994"   "4376888"   "4931661"   "5060040"   "5233442"   "5272548"   "5306648"   "5315101"   "5317406"   "5335094"   "5338690"   "5379068"   "6075256").PN. OR ("7170042").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:38

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L29	24	("3811076"   "3841926"   "3898685"   "3932775"   "4035829"   "4376888"   "4405857"   "4461956"   "4532536"   "4609935"   "4650984"   "4675549"   "4763010"   "5027176").PN. OR ("5338690").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:38
S1	352039	kim.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:01
S2	1248	250/370.09.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 07:31
S4	6	(detect\$4 adj cells) and intersect\$4 and (pixel or electrode) and (storage adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:34
S5	1	S4 and (xray or (x adj ray) or "x-ray")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:05
S6	13	(cells) and (data adj lines) and (ground adj lines) and intersect\$4 and (pixel or electrode) and (storage adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:05
S9	3	250/370.09.ccls. and ((gate adj line) and (storage adj electrode) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:39

## EAST Search History

S10	7	("5498880"   "5648674"   "5869837"   "6075248").PN. OR ("6462344").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 13:14
S13	1218093	((sens\$4 or detect\$4) adj cells) and (pixel or electrode) and (storage adj electrode) gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:43
S14	12	((sens\$4 or detect\$4) adj cells) and (pixel or electrode) and (storage adj electrode) and gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:29
S15	102	((sens\$4 or detect\$4) adj cells) and (pixel or electrode) and (storage same electrode) and ((data or gate) adj lines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:19
S16	2	250/370.09.ccls. and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:59
S17	12	("20010013577"   "20020145117"   "20030080299"   "20030201396"   "5198673"   "5399884"   "5435608"   "5480810"   "5838054"   "6462344"   "6617584").PN. OR ("6784434").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 13:59
S19	11	("4558365"   "4755681"   "4980769"   "5043582"   "5194736"   "5220170"   "5245191"   "5274476").PN. OR ("5381013").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 14:02
S20	102	((sens\$4 or detect\$4) adj cells) and (pixel or electrode) and (storage same electrode) and ((data or gate or (auxiliary adj data)) adj lines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:36

## EAST Search History

S21	3	S20 and (S2 or 348/311.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:32
S22	13342	joo.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:29
S23	22	((sens\$4 or detect\$4) adj cells) and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:30
S24	85	((sens\$4 or detect\$4) adj cells) and (pixel or electrode) and (storage same electrode) and ((data or gate or (auxiliary adj data)) adj lines) and fabricat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:27
S25	3	S24 and (S2 or 348/311.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:36
S27	50	((CCD adj array) or ((sens\$4 or detect\$4) adj cell)) and (gate adj line) and (data adj line) and (pixel or electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:37
S28	13	S27 and (xray or (x adj ray) or "x-ray")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:39

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S29	5	S27 and 250/370.09.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:39
S30	3	("5818898"   "6127684").PN. OR ("6456689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 14:40
S31	28	250/370.09.ccls. and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 07:35
S32	8	250/370.09.ccls. and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode and auxiliary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 07:37
S33	12	("5648674"   "5729021"   "5895936"   "6020590"   "6060714"   "6380543"   "6403965"   "6486470"   "6507026"   "6600157"   "6825473"   "6849853").PN. OR ("6909099").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 07:37
S36	37	("4770965"   "5182620"   "5319206"   "5320927"   "5360994"   "5381014"   "5396072"   "5475246"   "5498573"   "5516712"   "5518805"   "5557534").PN. OR ("5648674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 09:17
S37	2	S36 and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode and auxiliary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 09:18

## EAST Search History

S38	11	S36 and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 09:18
S39	11	S36 and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode and pixel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 09:54
S40	10	S36 and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode and pixel and substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 12:31
S41	21	("5289016"   "5367179"   "5483082"   "5508765"   "5610737"   "5621566"   "5648674").PN. OR ("6043511").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:30
S42	7	S41 and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode and pixel and substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 12:32
S43	37	("4770965"   "5182620"   "5319206"   "5320927"   "5360994"   "5381014"   "5396072"   "5475246"   "5498573"   "5516712"   "5518805"   "5557534").PN. OR ("5648674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:31
S44	9	S43 and ((manufactur\$4 or fabricat\$4) and (data adj line) and (gate adj line) and storage and electrode and pixel and substrate and drain and gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 14:38